

APPEN.
XI

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The IBM files described in Appendix IX have been used to generate a series of listings. Exerpts of these are given below: the complete dictionaries and workbooks are available in Room 1348M (contact [REDACTED])

25X1A9a

A) English to Code Dictionary Workbook. Here, the index terms are listed in alphabetical order. Following each term, its semantic factors are given in alphabetical order. Each factor is represented by a four letter code.

Autoclave	MACI	RAHE	SEPU
Autolysin	BODE	CELO	01
Autolyzate	BODE	CELO	02
Automatic	LUTA		
Automatic Pilot	GUDI	MACI	NECA SIRA
Automatic Rifle	MILI	WEPO	
Automobile	SICA		
Automotive	LUTA	SICA	
Autotype	PORE	POTO	
Auxiliary	DAHI		
Auxochrome	COLE		
Aviation	SIRA		
Avocado	PANE	VEGE	
Avogadro Number	CAKE	CAPI	LEME MOLU

B) Code to English Dictionary Workbook. Here, the codes are arranged in alphabetical order. Following each code is the term to which it applies.

CELO	01	Cell Animal	
CELO	02	Cellular	
CELO	03	Cephalins	
CELO	04	Cerebroside	
CELO	COLE	01	Chromatolysis
CELO	COLE	02	Depigmentation
CELO	COLE	NEZE RECA	Dopa Reaction
CELO	DEDA		Carcinolysis
CELO	FULI		Hemagglutinin
CELO	FULI	MACI NALA	Hematimeter
CELO	FULI	NIHI	Cytotoxin
CELO	GEGE		Blastomere
CELO	NEZE		Desmoenzyme
CELO	SICE	01	Cytology
CELO	SICE	02	Histology

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C) Listing of Terms Sorted for Individual Semantic Factors.
The first step in preparing this list was to sort the IBM file for individual semantic factors. New cards were made for each semantic element of a given term. Thus from the card punched for absorbent cotton....BASO TEXI, two new cards were prepared:

Absorbent Cotton	BASO
Absorbent Cotton	TEXI

The groups of cards so prepared were then arranged in alphabetical order of the single semantic factor, and tabulations were run off to produce this listing.

Auto	SICA
Automobile	SICA
Automotive	SICA
Bicycle	SICA
Bus	SICA
Garage	SICA
Half Track	SICA
Locomotive	SICA
Motorcycle	SICA
Rail	SICA
Round House	SICA
Sled	SICA
Snowshoes	SICA
Tank	SICA
Track Laying	SICA
Tractor	SICA
Train	SICA
Tram	SICA
Truck	SICA
Wagon	SICA

D) Semantic Factor Dictionaries. Two listings were prepared. In one of these the alphabetic order is based on the four letter codes used to designate semantic factors. In the listing, each four letter code is followed by the words used to designate the corresponding semantic factor. Thus the code MACI is followed by "apparatus", "devices", "equipment", "instrument", "machinery", which are terms used to designate the broad concept or semantic factor corresponding to the code MACI.

ENGLISH to CODE

Burn	FIRE
Business	NITU
Buy	BUYE
By Product	WAPO

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Calculate	DETO
Camouflage	CAMO
Carbohydrate	CABO
Carbon	CARO
Carry	CARA
Catalyst	CAYO
Cause	CANE
Cavity	CAVI
Cell Biological	CELO
Cellulose	CELU
Chain	CEHI
Chair	FURO
Change	CANE
Characteristic	CATO
Chemical Property	CAKE
Chemistry	SICE
Circulatory System Animal	BOCA
Classification	RAKA

CODE to ENGLISH

LEFU	Electric Current
LEGA	Law
	Legal
LEME	Element
	Factor
	Unit
LERE	Electrolysis
LIKI	Fluids
	Liquid
LIVE	Livestock
	Meat Industry
LOCA	Area of Operation
	Location
LUTA	Qualifying Tags
MACI	Apparatus
	Devices
	Equipment
	Instrument
	Machinery
MAGI	Magnet

E) General Field Listing of Terms. Here, the terms which have been processed to date are grouped according to major fields. The terms of each field are listed in alphabetical order. See Appendix IX, Figure IV, for enumeration of the major fields. It will be recalled that both categorization as to major fields and further finer classification served the purpose of facilitating semantic factoring.

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